

AMENDED

Serial No. **47972**

**APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER
OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE
STATE OF NEVADA HERETOFORE APPROPRIATED**

APR 11 1984

Date of filing in State Engineer's Office

Returned to applicant for correction

Corrected application filed MAY 23 1984 Map filed MAY 23 1984The applicant Elko County School District1092 Burns Roadof Elko

Street and No. or P.O. Box No.

City or Town

Nevada 89801

State and Zip Code No.

hereby make application for permission to change the

Point of Diversion

Point of diversion, manner of use, and/or place of use

of water heretofore appropriated under Permit 47235

(Identify existing right by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and

Identify right in Decree.)

1. The source of water is Underground

Name of stream, lake, underground spring or other source.

2. The amount of water to be changed 1.0 cfs

Second feet, acre feet. One second foot equals 448.83 gallons per minute.

3. The water to be used for Geothermal (Heat Extraction)

Irrigation, power, mining, industrial, etc. If for stock state number and kind of animals.

4. The water heretofore permitted for Geothermal (Heat Extraction)

Irrigation, power, mining, industrial, etc. If for stock state number and kind of animals.

5. The water is to be diverted at the following point NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 11, T34N, R55E, MDB&M.

Describe as being within a 40-acre subdivision of public survey and by course and

at a point from which the W $\frac{1}{4}$ corner of said Section 11 bears N 63° 58' 19"distance to a section corner. If on unsurveyed land, it should be stated.W 578.53 feet.6. The existing permitted point of diversion is located within NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 11, T34N, R55E,

If point of diversion is not changed, do not answer.

MDB&M., at a point from which the W $\frac{1}{4}$ corner of said Section 11 bears N 89°09' 00" W 954.00 feet.7. Proposed place of use Portions of NW $\frac{1}{4}$ SW $\frac{1}{4}$; SW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 11, T34N, R55E,

Describe by legal subdivisions. If for irrigation state number of acres to be irrigated.

MDB&M.8. Existing place of use Same as Above

Describe by legal subdivisions. If permit is for irrigation, state number of acres irrigated. If changing place of use and/or

manner of use of irrigation permit, describe acreage to be removed from irrigation.

9. Use will be from January 1 to December 31 of each year.

Month and Day

Month and Day

10. Use was permitted from January 1 to December 31 of each year.

Month and Day

Month and Day

11. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and

specifications of your diversion or storage works.) drilled well and cased well equipped with

State manner in which water is to be diverted, i.e. diversion structure, ditches,

motor, pump, seals and pipeline to place of use.

pipes and flumes, or drilled well, etc.

12. Estimated cost of works \$40,00013. Estimated time required to construct works 3 years

14. Estimated time required to complete the application of water to beneficial use. 5 years

15. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Estimated consumptive use: 1 cfs x 270 day/year = 535 ac. ft/yr. The consumptive use may be considerably less depending on the temperature of the geothermal fluids.

By s/Alan S. Boyack
Alan S. Boyack, Agent
 515 South Fifth Street, Elko, Nevada 89801

Compared bc/bl pr/bl

Protested _____

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions: This permit to change the point of diversion of the waters of an underground source as heretofore granted under Permit 47235 is issued subject to the terms and conditions imposed in said Permit 47235 and with the understanding that no other rights on the source will be affected by the change proposed herein. This source is located within an area designated by the State Engineer pursuant to NRS 534.030. The State retains the right to regulate the use of the water herein granted at any and all times.

The well shall be equipped and maintained to prevent any waste of the geothermal fluid. The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

This permit to change 47235 is issued with the following terms:

1. The well under Permit 47972 must be drilled a minimum distance of 1,000 feet from the point of diversion of any underground permit.

2. A semi-annual report must be submitted to the State Engineer on January 1 and July 1 of each year detailing the amount of water diverted and placed to beneficial use and the temperature and electrical conductivity readings of the extracted fluid.

3. This permit is restricted to a consumptive use of 268 acre-feet per year, 1/2 of the requested amount, until a record is available which shows no adverse effect on existing rights.

4. If pumpage under this permit has any adverse effect on the existing rights at any future date, then withdrawals may be limited or reinjection of the geothermal (CONTINUED PAGE TWO)

The amount of water to be changed shall be limited to the amount which can be applied to beneficial use, and not to exceed 1.0 cubic feet per second.

Work must be prosecuted with reasonable diligence and be completed on or before August 29, 1985

Proof of completion of work shall be filed before September 29, 1985

Application of water to beneficial use shall be made on or before August 29, 1987

Proof of the application of water to beneficial use shall be filed on or before September 29, 1987

Map in support of proof of beneficial use shall be filed on or before _____

Completion of work filed SEP 30 1985

Proof of beneficial use filed _____

Cultural map filed _____

Certificate No. _____ Issued _____

IN TESTIMONY WHEREOF, I PETER G. MORROS,
 State Engineer of Nevada, have hereunto set my hand and the seal of
 my office, this 29th day of August

A.D. 19 84

[Signature]
 State Engineer

fluids may be required.

5. The production well under this permit shall be cemented from the producing levels to the surface to protect fresh water zones. The completion plans of the well must be reviewed and approved by the State Engineer.

6. This permit is issued subject to the condition that only geothermal fluids are to be diverted and used for heating purposes, and fresh, cold water aquifers are not to be diverted or interfered with.

